BUREAU OF SURFACE AND MINERAL RESOURCES

300 North 6th Street Suite 103 PO Box 83720 Boise ID 83720-0050 Phone (208) 334-0200 Fax (208) 334-3698



GEORGE B. BACON, DIRECTOR EQUAL OPPORTUNITY EMPLOYER

STATE BOARD OF LAND COMMISSIONERS

C. L. "Butch" Otter, Governor Ben Ysursa, Secretary of State Lawrence G. Wasden, Attorney General Donna M. Jones, State Controller Tom Luna, Sup't of Public Instruction

October 27, 2010

Jodie West Bridge Energy, Inc. 1580 Lincoln Street, Suite 1110 Denver, Colorado 80203

SUBJECT: Permit to Drill LU600044 (API#11-075-20-019, DJS Properties #1-14)

The Idaho Department of Lands has completed our review of this permit to drill for oil and gas. Enclosed is a copy of the approved permit. This permit was approved with the following stipulations:

- 1. The permittee shall be required to submit an affidavit covering the initial BOP pressure test after installation signed by the operator or contractor attesting to the satisfactory pressure test.
- 2. The permittee shall ensure mud pits are adequately sized, designed and constructed for the reception and confinement of mud and cuttings and to prevent contamination of streams and potable water.
- 3. Drilled holes cannot be used for any other purposes unless they are constructed according to the applicable well construction standards administered by the Idaho Department of Water Resources.
- 4. Multiple zone completion has not been requested, and must be applied for separately, as required by IDAPA 20.07.02.220.
- 5. If a full length seal is not used to decommission a well, decommissioning must include sealing all uncased sections of the well bore and perforating and pressure grouting all casing not sealed during well construction.
- No secondary recovery efforts have been applied for, and Class II injection wells for injecting brines and other fluids to aid oil and gas production may not be permitted.
- 7. Non-productive wells must be decommissioned prior to drilling the next hole.
- 8. Temperature readings must be periodically taken to insure that the correct cement is used. Temperature readings must be logged and submitted with other well information after hole completion.
- Applicant will obtain necessary water rights from Idaho Department of Water Resources if nearby wells will be used to supply water for the drilling operations.

Please ensure that all operations are conducted in accordance with the requirements of IDAPA 20.07.02 (Rules Governing Conservation Of Crude Oil And Natural Gas In The State Of Idaho).

This permit will be administered by Nancy Welbaum in our Southwest Supervisory Area. She will be inspecting the drilling operation, and may be accompanied by our contractor assisting with inspections. Please contact her at 208-334-3488 if you have any questions.

Sincerely,

Eric Wilson

Navigable Waters/Minerals Program Manager

cc: Nancy Welbaum

Chad Hersley, IDWR, PO Box 83720, Boise, Idaho 83720-0098 Ryan V. Morgan, Centra Consulting, 413 W. Idaho Street, Suite 302, Boise, Idaho 83702



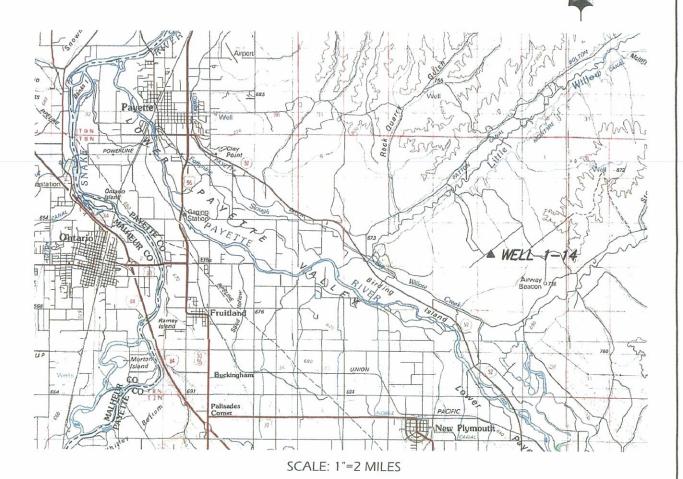
IDAHO OIL AND GAS CONSERVATION COMMISSION Application For Permit to Drill, Deepen or Plug Back

AP	PLICATION TO: D	rili 🔀 Deepe	n 🔛 Plug	васк 🔲	
NAME OF COMPANY OR OPERATO	R: Bridge Energy,	Inc.		Date	10/5/2010
Address: 1580 Lincoln Street, Suite	1110				This area with the second of t
City: Denver	State: CO	Zip Code: 802	:03Tele	phone: (303)83	1-9022
Distance, in miles, and direction from	nearest town or pos	st office: Approx	<u>kimately 5 mil</u>	es NNE of New	Plymouth, ID
	DESCRIPTION	OF WELL AND	LEASE	REPRESENTATION OF THE PROPERTY	ACCURATION AND CONTROL OF THE PROPERTY OF T
Name of Lease: DJS Properties	Well Nu	umber: #1-14	Elev	ration (ground) 2	589.43 ft
Well Location: Section: 14 Town	nship: 8N	Range:	4W	(or block and survey
(give footage from section line	es): 1782' FSL 166	3' FWL (NE 1/4	SW 1/4)		W
Field and Reservoir (if wildcat, so state	e): Willow	·		Cour	nty: Payette
Nearest distance from proposed locat	ion to property or lea	ase line: 1663			feet
Distance from proposed location to ne	arest drilling, compl	leted or applied	for on the sar	ne lease: N/A	feet
Proposed depth: 6000 ft	Rotary o	or cable tools:_R	otary		
Approx date work will start: November					
Number of wells on lease, including th	is well, completed in	n or drilling to th	is reservoir:_	Ĺ	
If lease purchased with one or more w	ells drilled, complet	te the following i	nformation:		
Purchased from (name) N/A					
Address of slaves NI/A					
Status of bond N/A					
Remarks: (If this is an application to d	eepen or plug back	, briefly describe	work to be d	one, giving prese	ent producing zone
and expected new producing zone) S					
Please direct any inquiries to Jodie	West (Bridge Ener	rgy, Inc.) at 1-3	03-831-9022		
CERTIFICATE: I, the undersigne	and state that I am th	e Consultant			
of Bridge Energy, Inc.	u, state that I am th	Consultant		(compa	ny) and that I am
authorized by said company to make	this application ar	nd that this ann	lication was r		•
direction and that the facts stated here	2. 2.	5.7		435.0	ly supervision and
	an are true, correct	and complete to) the best of h	ly knowledge.	
Date: 10/6/10	Signature:	Ryon	Z To	que	
Permit Number: <u>LU60 00 44</u> App API #1107520019	roval Date: 10-25	Approved	d by:	yes B.	

NOTICE: Before sending in this form, be sure that you have given all information requested. See instructions on back.

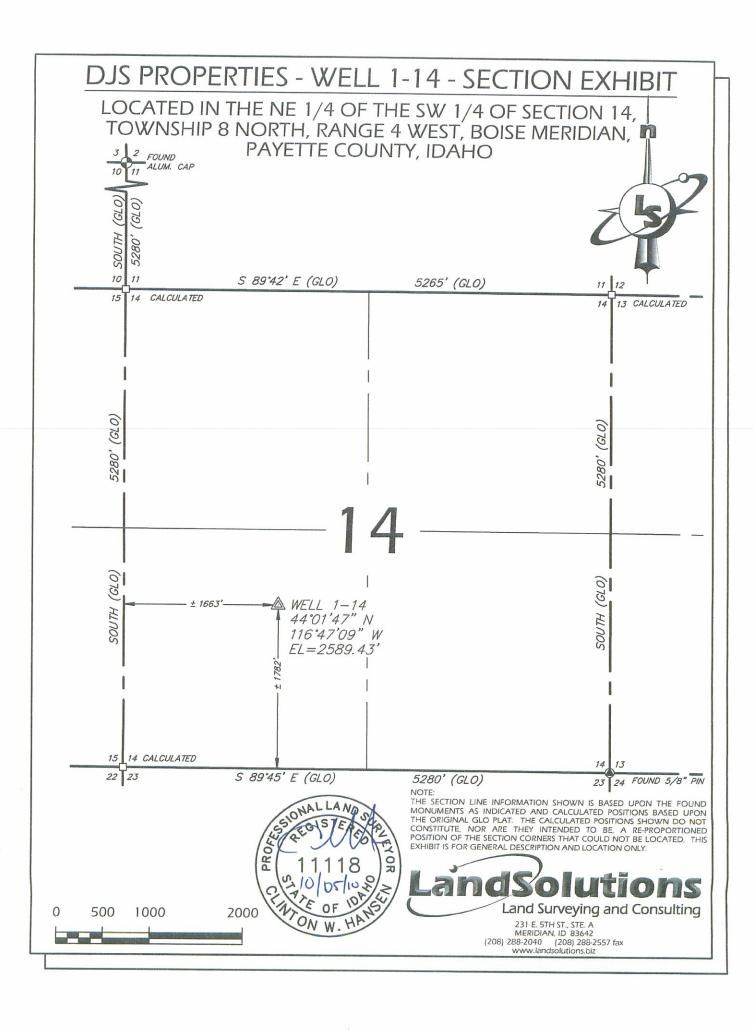
DJS PROPERTIES - WELL 1-14 - VICINITY MAP

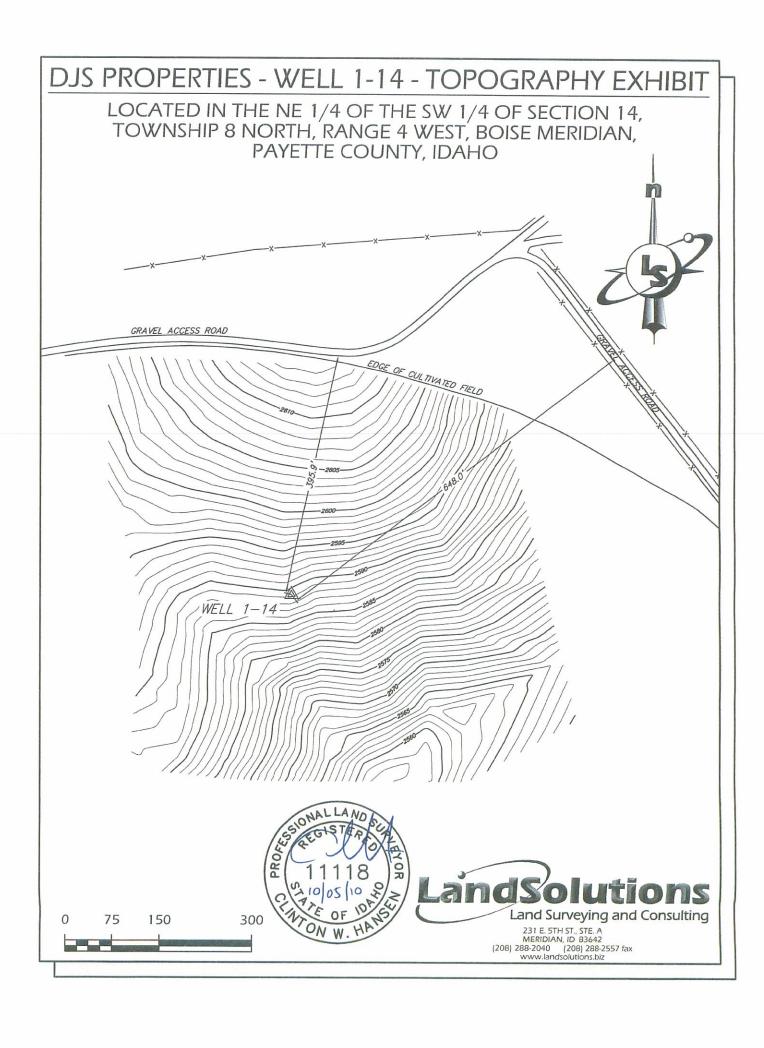
LOCATED IN THE NE 1/4 OF THE SW 1/4 OF SECTION 14, T8N, R4W, BM, PAYETTE COUNTY, IDAHO

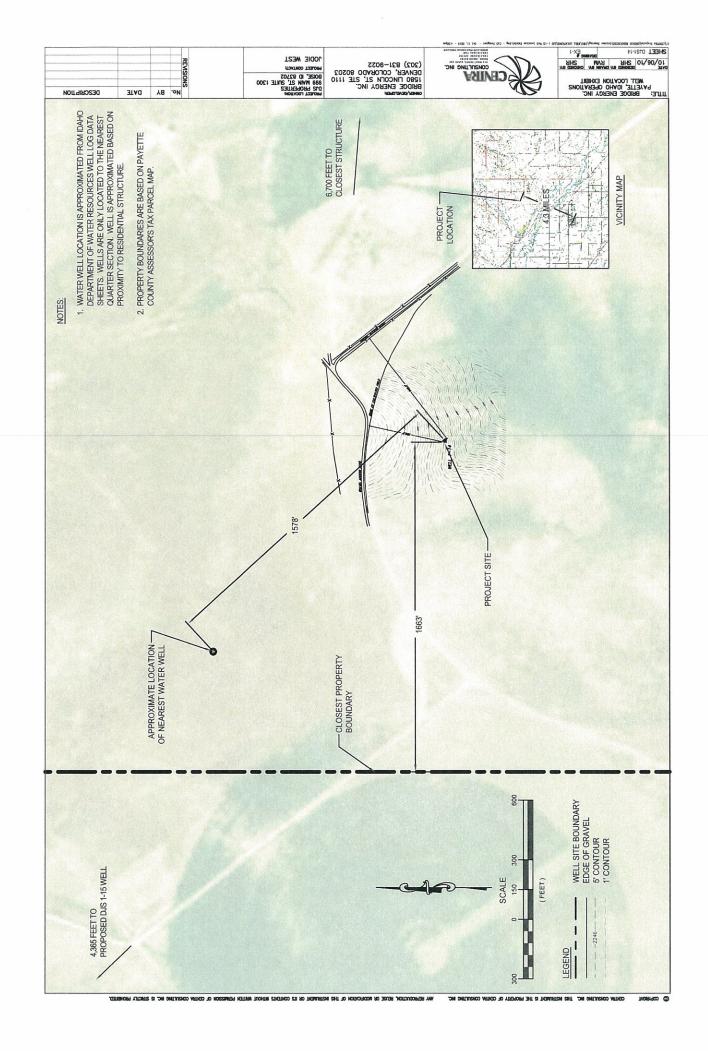


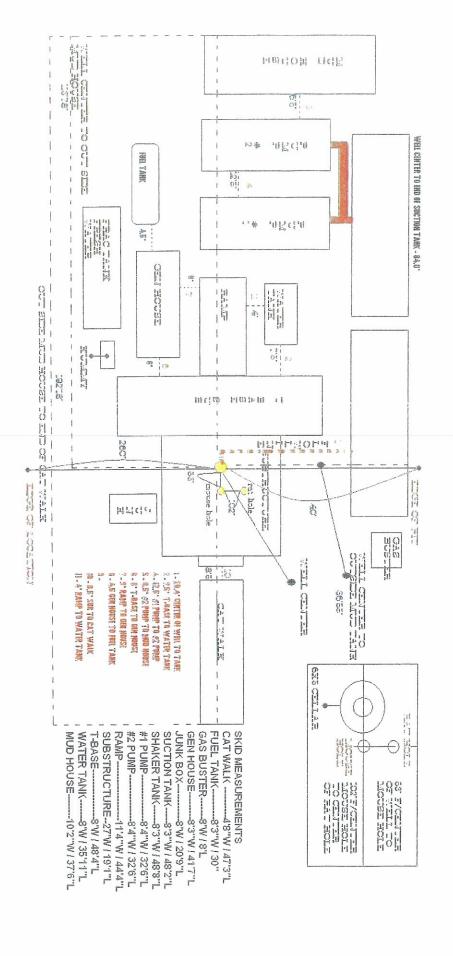


231 E. 5TH ST., STE. A MERIDIAN, ID 83642 (208) 288-2040 (208) 288-2557 fax www.landsolutions.biz









WHS, LLC Razorback Rig Component Listing

The following list contains the components of the 2004 Cameron C-900 Hp, Trailer Mounted Drilling Rig w/ VIN Number (5024). This rig also operates w/ a FDS 150 Ton HMI hydraulic Top Drive.

Qty	Item	Remarks
1	Drawworks - Cameron 42"x 12" Water Circulating Drum w/ water cooled main brake and Wichita water cooled assist brakeWichita Drum Clutch	
1	Power and Drive Package – Twin (2) Detroit Series 60 engines; 450 Hp each w/ Allison 5960 Transmissions into a Cushman 1000 Hp gear driven Compound, to Cushman 1000 Hp RA box; 1:1 Ratio	
1	Mast – PEMCO 120' x 400K lbs hook load; 1.25 API rating; sheaved for 10-1-1/8" drill lines; Serial # 1312	
2	Hydraulic Scoping Cylinder f/ PEMCO derrick	Spare
l	Fluid Design Services (FDS) 150 Ton Hydraulic Top Drive w/ diesel power package.	
1	Hydraulic Motor FDS 150 Ton Top Drive	Spare
1	Block-200 Ton ABCO, 10 line 5 x 36" sheave w/ ABCO Hook	
1	Weight Indicator-Totco type 4	
1	Sub Structure-17'H x 10'W x 16'L w/6' foldout wings. Unit scopes down to 10'6"H x 13'6" on lowboy.	
1	40' Kelly; Hex	
I	Kelly Bushing	
l	Kelly Shuck w/ protector	
1	Sub-structure/T-base-45' x 8'	
l	Sub-structure ramp-48'4" x 10', hydraulic raise-cylinders part # SD83CC-24-131	
1	Top Dog House-24'10" x 7'10.5", hydraulic raise, with knowledge box, lockers, shelfing, and bench seats. Framework installed for Pason Electronic Drilling Recorder and Autodriller computer system.	
1	Kelly Spinner-Cam-tech model 6100 hydraulic Kelly spinner assy.	
	Well Control Equipment-Shaffer LXT DBL 11" x 5K psi MAWP, Dual Ram, hydraulic BOP mfg. Date 11-04, Serial # 200213110-81 Shaffer LTX 11" x 5K psi MAWP spherical annular BOP	

WHS, LLC Razorback Rig Component Listing

Qty	Item	Remarks
1	4-1/16" x 5000 psi BOP valve	
	Choke Manifold, fitted for HCR valve, choke-w/4outlets, 5000 psi	
1	Closing Unit-Massco Inc. 5 station	
2	Generators-DDC 410 KW generators, 277/480 VAC 3 Phase 60 HZ powered by 2 Detroit Series 60 14.0 L Diesel engines/Tier III Emissions standards. Skid mounted in covered house with all electronic panels as 1 unit.	
1	Generator House-44' x 10' skid mounted	to defend the control of the control of the community of the control of t
1	Swivel-EMSCO LB 200 Ton Serial # 208	
1	Mud System-2-tank system w/approx. 700 bbls capacity. 60 HP mud mixers, 4 agitators, 4 jet blowers, 70 bbls slugging tank, 2-Doublelife AWD III Linear shale shakers built in tandem, 600 GPM each. Mud Conditioner unit consisting of; 1-Doublelife AWD III shale shaker, 1-Doublelife Mod. I-210 Desander, and 1-Doublelife V-510, 10 cone Desilter.	
2	Mud Pumps-2 HHF-1000 HP triplex pumps w/pulsation dampners, powered by CAT 3412 1150 HP diesel engines, fully unitized. With 6" liners, 10" stroke, pumps will move 3.7 gal/stroke at 100% efficiency. Additional specifications upon request.	
3	American Roller Bearings for CE-F1000 mud pump	Spare
2	SKF Pillar Block bearings for CE-F1000	Spare
1	Mud/Gas Seperator: 30'H x 6' Dia vessel mounted on skid for easy rig up and tear down.	
1	Fresh Water Tank-200 bbl fresh water tank w/electronic 20 HP 480V frame 256T 3 x 2 centrifugal 4 x 6 water pump powered by Detroit 353 (2800 rpm)	
1	Catwalk-47'3" x 10'2" pipe racks	
I	Junk Box-20'9" x 7'10"	
1	Rotary Table-22" IDECO rotary table assy. On 44" centers complete w/split master bushing.	
1	Drill Collar Slips-Type A 5-1/2 MS 98C	
1	Drill Pipe Slips-Wooly M3-98	
1	Drill Collar Clamp(Wedding Band) AOT 12116 5 ½-6 5/8	

WHS, LLC Razorback Rig Component Listing

Qty	Item	Remarks
	Serial # 29140	
1	Casing Elevators M66-5 ½ 250 ton 227 MT	
	Drill Pipe Elevators-2-AOT(1) 150 ton(1) 250 ton	1
	Cross Over Subs-Assorted	
1	Survey Machine-Wireline survey machine.	
1	Diesel Tank-8000 gal Cylindrical Tank: Myers diesel tank transfer pump assy. w/3hp 3600rpm explosion proof motor. Skid mounted with 3 compartments for oils on front of skid.	

This rig moves in 27 loads (including pipe). All components are skid mounted and mud-boated with lifting ears to be lifted onto oilfield floats or lowboys. All loads are legal permit loads.

BRIDGE RESOURCES

WILLOW PROSPECT WELLBORE DATA SHEET

LEASE:

DJS Properties

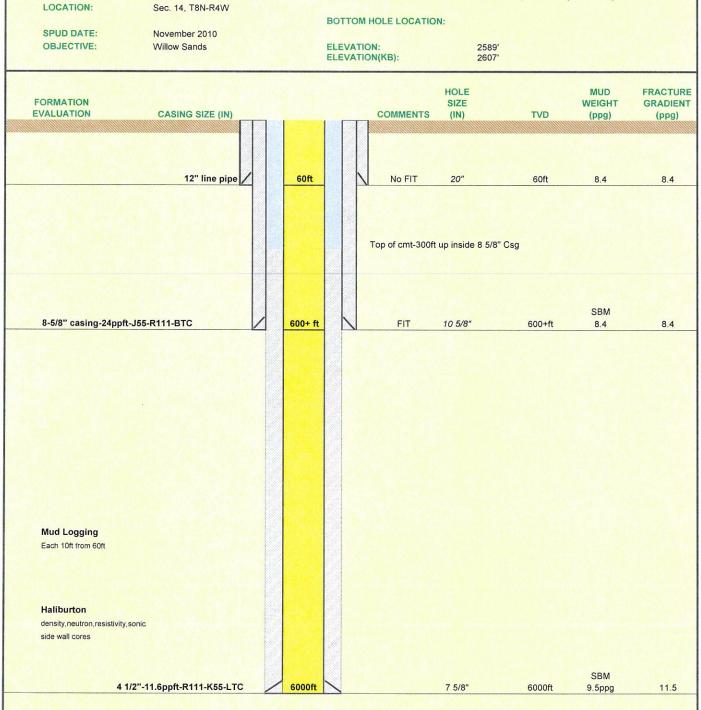
WELL:

1-14

TOTAL DEPTH:

SURFACE LOCATION:

1663' FWL, 1782'FSL (NE/4SW/4)



DRILLING PROGNOSIS BRIDGE ENERGY, INC

DJS Properties 1-14 (Willow Development) NE/4SW/4 of Section 14-Township 8N-Range 4W

Payette County, Idaho

October, 2010

GENERAL

NOTE:

This well is to be drilled as a tight hole. Unauthorized personnel are not to be

allowed on the rig floor, and all information is to be kept confidential.

Surface Location:

1782' FSL and 1663' FWL (NESW), Section 14-T8N-R4W

Bottomhole Location:

Same

Proposed TD/Objective:

6000' /Willow Sands

Elevation:

2589' GL (ungraded); 2607' KB (estimated).

Drilling Rig:

Story Drilling-Razorback

MECHANICAL

Casing Design:

SIZE	INTERVAL	LENGTH	DESCRIPTION	Collaps	e Int Yd	Body Yd (x1000lb)
12"	0' - 60'	60'	Conductor 12"Line pipe			
8 5/8"	0' - 600 + '	600+'	24#, J-55, R111, BTC	1,370	2,950	391
4 1/2"	0'-6000'	6000'	11.6#, K55, R111, LTC	4,960	5,350	180
2-7/8"	0' -6000'	6000'	6.5#, J-55, EUE	7,680	7,260	72.6

NOTE:- Clean and drift all strings of casing prior to running. Remove all thread sealant (Kindex) prior to running. Unload production casing and tubing strings with a forklift.

CEMENT

CASING/HOLE SIZE

CEMENT SLURRY

12" - 20"

Cement to surface with 3 yds Redi-mix.

8 5/8" - 10 5/8"

T.D. 600+ ft

Hole Size 10 5/8 in Casing Size 8 5/8 in Cement Coverage 600+ ft to surface Cement Excess 15 %

Premium G Cmt 160 sks 15.8 #/gal 1.15 cuft/sk 5.0 gal/sk

Premium Class G Cmt 100 % (BWOC) Calcium Chloride 2 % (BWOC) Flocele ¼ #/sk

NOTE: . Have 100 sx neat cement and one-inch tubing on location for top job if required.

Drilling Prognosis Willow Development DJS Properties 1-14 Page Two

CASING/HOLE SIZE

CEMENT SLURRY

4 1/2" - 7 5/8"

T.D. 6000 ft

Hole Size 7 5/8 in
Casing Size 4 ½ in
Tail Cmt Coverage 6000 ft to 2000 ft
Tail Cmt Excess 25 %
Lead Cmt Coverage 2000 ft to 300 ft
Lead Cmt Excess 25 %
BHST 250 + Deg. F

730 sks Prem. G w/ 35% Silica Flour 15.5 #/gal 1.56 cuft/sk 6.6 gal/sk

Premium G Cmt 100 % (BWOC) Silica Flour 35 % (BWOC) CDI 33 .5 % (BWOC) Flocele ¼ #/sk

265 sks Prem. Lite Cmt 12.7 #/gal 1.84 cuft/sk 9.9 Gal/sk

Class G Cmt 65 % (BWOC) Poz 35 % (BWOP) Gel 6 % (BWOC) Salt 3 % (BWOW) Flocele 1/4#sk

CEMENTING ACCESSORIES

Surface Casing:

- 1) Guide shoe with insert float located one joint above shoe.
- 2) Top wiper plug (rubber).
- 3) Centralizer with stop ring in middle of shoe joint.
- 4) Centralizers over collars on first three connections, omitting float collar.
- 5) Use a total of five centralizers.

Production Casing:

- Differential-fill float collar located one joint above differential-fill float shoe.
- 2) Top and bottom wiper plug.
- 3) Centralizer with stop-ring in the middle of shoe joint.
- 4) Centralize through and 100' on either side of potentially productive intervals. Centralizer program to be determined after logging
- Thread-lock all connections through float collar and use API casing dope on all remaining connections.
- 6) Stage cementing tool may be run to ensure placement of cement across any productive intervals and fresh water sands.
- 7) Centralize above and below stage cementing tool (if run).

WELLHEAD

Casing Head:

8-5/8" x 11" x 3,000 psi WP flanged casing head with two-2" LP outlets. Outlets equipped with one-2" 3,000 psi WP ball valve, and one-2" x 3,000 psi WP bull plug on the outlets.

Tubing Head:

11" x 7-1/16" x 3,000 psi WP tubing head with two-2" LP threaded outlets. Outlets to be equipped with 2" x 3,000 psi WP ball valves.

Upper Half:

To be determined.

Drilling Prognosis Willow Development DJS Properties 1-14 Page Three

MUD PROGRAM

INTERVAL	WEIGHT (PPG)	VISCOSITY (SEC)	WL (CCS)
60' - 600+'	8.5 - 9.0 ppg	30 - 45 sec	NC

Surface hole will be drilled with SBM. Ensure all water sources are turned off at pits. Water from conductor will be displaced to D tank. Keep hole full and drill pipe moving at all times. Sweep hole with Super Sweep to insure the hole is clean prior to running surface casing.

INTERVAL	WEIGHT (PPG)	VISCOSITY (SEC)	WL (CCS)
600+' - 6000'	8.5 - 9.8 ppg	28 - 60 sec	10 ccs or less

Reference SBM program for specific maintenance, product concentrations, and mud treatment. Keep hole full at all times. Monitor pit volume constantly as lost circulation and water flows should be expected at all times. Sweep hole as dictated by hole conditions. Ensure all MSD sheets are kept at wellsite.

Deviation tendencies in this area should not be severe; however, prudent drilling practices should be adhered to at all times. Surveys should be run at ± 500 ft intervals, unless otherwise indicated.

WELL CONTROL EQUIPMENT

INTERVAL	EQUIPMENT
0'-600+'	None
600+' - 6000'	11" x 3,000 psi WP double-gate BOP with blind and 4-1/2" pipe rams. Rig should be equipped with upper and lower kelly cocks, as well as stabbing valve (have wrench available at all times). BOP equipment will be tested after nipple-up and every 30 days thereafter by an Independent Certified BOP Tester (Produced signed copys of BOP test charts to Idaho State representative) Close pipe rams daily and blind rams on trips, recording results on tour sheets. BOP Function Test

GEOLOGICAL

Geologist/Mud Logger: Geologist and mud logger with hotwire and chromatograph to be on location from base of conductor casing to TD. Notify prior to spud and after setting

surface casing.

Electric Logging: Quad Combo (DIL-BHC Sonic-Density-Neutron to be run from base of surface

casing to TD. In addition the GR should be run up through surface casing to surface. Percussion sidewall cores may be taken at the geologist's discretion.

Drilling Prognosis Willow Development DJS Properties 1-14 Page Four

GEOLOGICAL (Continued)

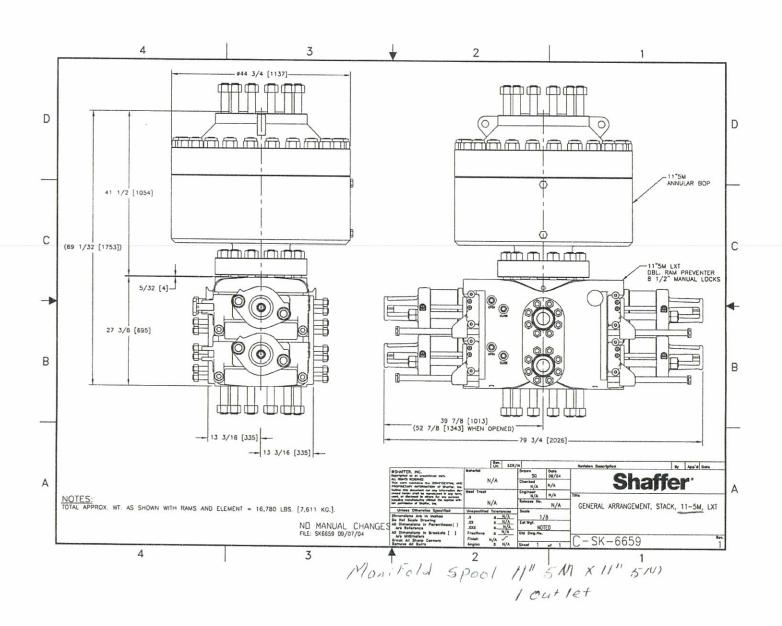
Formation Tops: Assumes KB elevation of 2607'

FORMATION	DRILL <u>DEPTH</u>	SUB SEA
Idaho Group Sands	Surface	+ 2607'
Pro Delta Shale	560'	+ 2047'
Willow Sands	3990'	- 1383'
Total Depth	6000'	- 3393'

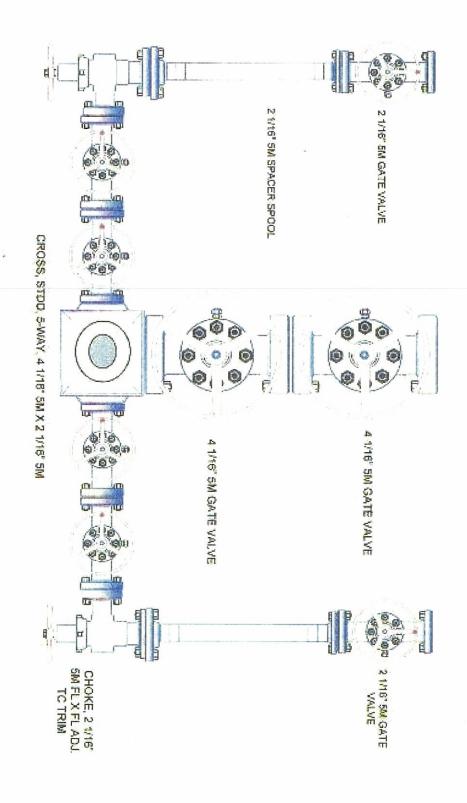
MISCELLANEOUS

- 1. Pump super sweep prior to running casings and prior to drilling out shoe. Pump efficiencies will be calculated from this information plus hole gauge
- 2. Monitor mud hydraulics closely. An in-gauge hole is extremely critical to achieve open-hole packer seats, interpretable logs, and a good cement bond.
- 3. Water will be hauled or pumped from nearby sources.
- 4. The area immediately around rig will be lined.
- 5 At all times, enough weight material will be carried on board to increase the existing drilling fluid by lppg
- 6 It is anticipated that a PDC bit will be used from approximately 600' to TD.
- 7. In general, the above prognosis is presented as a guideline only; and is subject to change as dictated by hole conditions and geological interpretation.

PERSONNEL	OFFICE NUMBER	CELL NUMBER
Ron Richards, Drilling Manager Ed Davies, President	303-831-9022 303-831-9022	720-209-0207 720-641-8737
F	Prepared by:	
	Ron Richards for Bridge Ene	rgy Inc.



4 1/16" 5M X 2 1/16" 5M CHOKE MANIFOLD



RIG FLOOR

RIG FLOOR

